

Notice of Allowability

Application No.

10/566,584

Examiner

JING SIMS

Applicant(s)

BLICKER ET AL.

Art Unit

2437

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 01/20/2010.
2. ☒ The allowed claim(s) is/are 1-7,9-10 and 12-17.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date <u>3/11/2010</u> . |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

/Emmanuel L. Moise/
Supervisory Patent Examiner, Art Unit 2437

DETAILED ACTION

This Examiner Amendment and Reasons for Allowance action is in response to the filing of 01/20/2010.

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Ronni Jillions on 03/11/2010.

The application has been amended as follows:

- **Amendments to Specification:**

- On page 1, line 4, before first paragraph, the section heading "SUMMARY" has been replaced with --BACKGROUND OF THE INVENTION--
- On page 1, line 24, before the paragraph starting with "it is the objection of the invention to provide method and system for transparent access authentication..." the section heading --BRIEF SUMMARY OF THE INVENTION-- has been added.

- **Amendments to the claims:**

- Claim 9

- Line 6, “assembles data according to the method of claim 1” has been replaced with --performs the transparent access authentication according to the method of claim 1--
- Claim 10
 - Line 2, “the first unit” has been replaced with --said at least first authentication unit--

Allowance

2. Claims 8, 11, and 18 have been cancelled.
3. Claims 1-7, 9-10, 12-17 are allowed.

Allowable Subject Matter

4. The following is an examiner's statement of reasons for allowance:

The present invention is directed to a method for transparent access authentication of subscribers connected to an authenticating network domain by General Packet Radio Service GPRS core network or an Universal Mobile Telecommunication System UMTS.

Independent claim 1 recites the uniquely distinct features of “assigning an IP address to the context creation request; receiving a check-in ID from the subscriber; receiving a private identification PrivID from the subscriber, the PrivID being correlated with a pre-recorded ID of the subscriber and stored together in a subscriber database; providing a routing module (7) as a standard entry point for all messages and deciding,

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in the routing module (7), by evaluation of the PrivID, which network node will handle the message, wherein when a protocol other than Session Initiated Protocol SIP is found, the message is routed to a proxy server". The closest prior arts, Skog et al (US Patent no.: 6,977,917) and Enzmann et al (US Patent Application Pub. no.: 2004/0136398) disclose associating a mobile terminal's temporarily assigned IP address with a MSISDN number for use with authentication and interpreting by a smart router the type of data incoming to determine what item in a home network conversion interface the data should be set that fails to anticipate or render the above underlined limitations obvious.

5. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to JING SIMS whose telephone number is (571)270-7315. The examiner can normally be reached on 7:30am-5:00pm EST, Mon-Thu.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Emmanuel Moise can be reached on (571)272-3865. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/J. S./

Examiner, Art Unit 2437

/Emmanuel L. Moise/

Supervisory Patent Examiner, Art Unit 2437